



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6305G11631-3G-PO

Job Sheet 185010



Part No: RBW6305G11631-3G-PO **Job Qty:** 2 ea

Part Name: Puller, Main Gear Box Input Flange Remover



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/19/18

Job Tracking No:

Due Date: 11/9/18

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBW6305G11631-3G Rev D. IPP Rev. A 18.10.18 Now purchased DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs		11/9/18	0.00	0.00	Purchasing		NOV 14 2018
110	Packaging	2 pcs		11/9/18	0.00	0.00	Packaging2		NOV 14 2018
120	QC	2 pcs		11/9/18	0.00	0.00	QC6		NOV 14 2018
130	Small Fab	2 pcs		11/9/18	0.00	0.20	Small Fab-2		NOV 14 2018
140	QC	2 pcs		11/9/18	0.00	0.00	QC5		NOV 14 2018
150	Packaging	2 pcs		11/9/18	0.00	0.00	Packaging3		NOV 14 2018
160	QC21-FG	2 Ea		11/9/18	0.00	0.00	QC21		NOV 15 2018

Part Op 100 - Issue P/O: 041402 MANUFACTURE RBW6305G11631-3G AS PER DWG Supplier: ARROW TECH MACHINE

Descriptions: WORKS -Certificate of conformity is required

130 - Re-identify as required.

Oct 19. 2018 x 2 AL

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6305G11631-3GP	Puller, Main Gear Box Input Flange Remover	2 (1 ea)	100-Purchasing	5127817

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6305G11631-3GP	2	0	0

Part Specifications

Specifications could not be found.

Plex 10/19/18 3:39 PM dart.Lussier.Patrick



Dart Aerospace Ltd.

1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA

TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S127818



Puller, Main Gear Box Input Flange Remover

PART NO: RBW6305G11631-3G

Serial No/Batch: S127818

Revision: PO

Operation: Packaging

Change No:

Mfg Date: 11/14/18

Job No: 185010



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041402**

Supplier: ARR002-VU
Arrow Tech Machine Works
29751 E. Enid Road,
Unit C
Eugene, OR 97402 USA
Phone: 541-780-6938
Fax: 458-215-4938

PO No: PO041402

PO Date: 10/19/18

Due Date: 11/12/18

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Lussier, Patrick

Ship To:

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Revision

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	185011	RBW6305G11731-3GP			Pusher, Main Gear Box Input Flange Installer	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,265.50/Ea	\$2,531.00
Line Item Note sub assy for tool RBW6305G03531-3G REV 1													
2	185012	RBW6305G11831-3GP			Puller, Main Gear Box input Gimbal Removal	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,140.00/Ea	\$2,280.00
Line Item Note sub assy for tool RBW6305G03531-3G REV 2													
3	185010	RBW6305G11631-3GP			Puller, Main Gear Box Input Flange Remover	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,525.75/Ea	\$3,051.50
Line Item Note sub assy for tool RBW6305G03531-3G REV D													
4	185009	RBW6305G11331-3GP			Main Gear Box Input Pinion Ring Nut Wrench	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$2,220.00/Ea	\$4,440.00
Line Item Note sub assy for tool RBW6305G03531-3G REV C													
5	185008	RBW6305G23631-3GP			Tool, Input Pinion Mating Ring Remover	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$1,039.36/Ea	\$2,078.72
Line Item Note sub assy for tool RBW6305G25131-3G REV 1													



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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO041402

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
6	185007	RBW6305G23731-3GP			Tool, Input Mating Ring Installation	Firmed	-	11/12/18	2 Ea	0 Ea	2 Ea	\$3,481.46/Ea	\$6,962.92

Line Item Note sub assy for tool RBW6305G25131-3G
REV 1

2X

NOV 14 2018

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Grand Total: \$21,344.14

Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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Plex 11/9/18 2:49 PM dart.Lussier.Patrick



**PHGE Machineworks dba
Arrowtech Machineworks**
29751 E Enid Rd. Unit C
Eugene, Oregon 97402
Phone: (541) 780-6938
Fax: (458) 215-4938

Packing Slip

NO. 309

Date: 11/9/2018
PO Ref: 041402
Ship via: Fedex Priority

Bill To:
Dart Aerospace
1270 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K7

Ship To:
Dart Aerospace
1271 Aberdeen St. Hawkesbury, ON
CANADA K6A 1K8

Qty	Item	Part No.
2 ✓	Pusher, MGB Input Flange Installer ✓	RBW6305G11731-3G ✓
2 ✓	Puller, MGB Input Gimbal Removal ✓	RBW6305G11831-3G ✓
2 ✓	Puller, MGB Input Flange Removal ✓	RBW6305G11631-3G ✓
2 ✓	MGB Input Pinion Ring Nut Wrench ✓	RBW6305G11331-3G ✓
2 ✓	Tool, Input Pionion Mating Ring Removal ✓	RBW6305G23631-3G ✓
2 ✓	Tool, Input Mating Ring Installation ✓	RBW6305G23731 ✓

Received by: _____
Packaged by: AWP
Checked by: Q.E.

Thank You



ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No:041402 ✓ Dated: 11/9/2018

Our Order / Job No:041402-AWT3 Order Qty:2 ✓

Part Name:Puller, Main Gear Box Input Flange Remover

Part Number: RBW6305G11631-3GP ✓

Lot Size:N/A Ship Date: 11/9/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBW6305G11631-3GP Rev:D

Material Size and Type: -3, -9/4140 Q & T;-5/1018 STEEL

Material Specifications:STEEL: ASTM A108, ASTM A29

Heat Treatment: N/A

Plating/Finish: ZINC PLATE ASTM B633 TYPE 1 SC 2

Mercury Contamination: The material used to process this order has not come in contact with mercury or mercury bearing instruments.

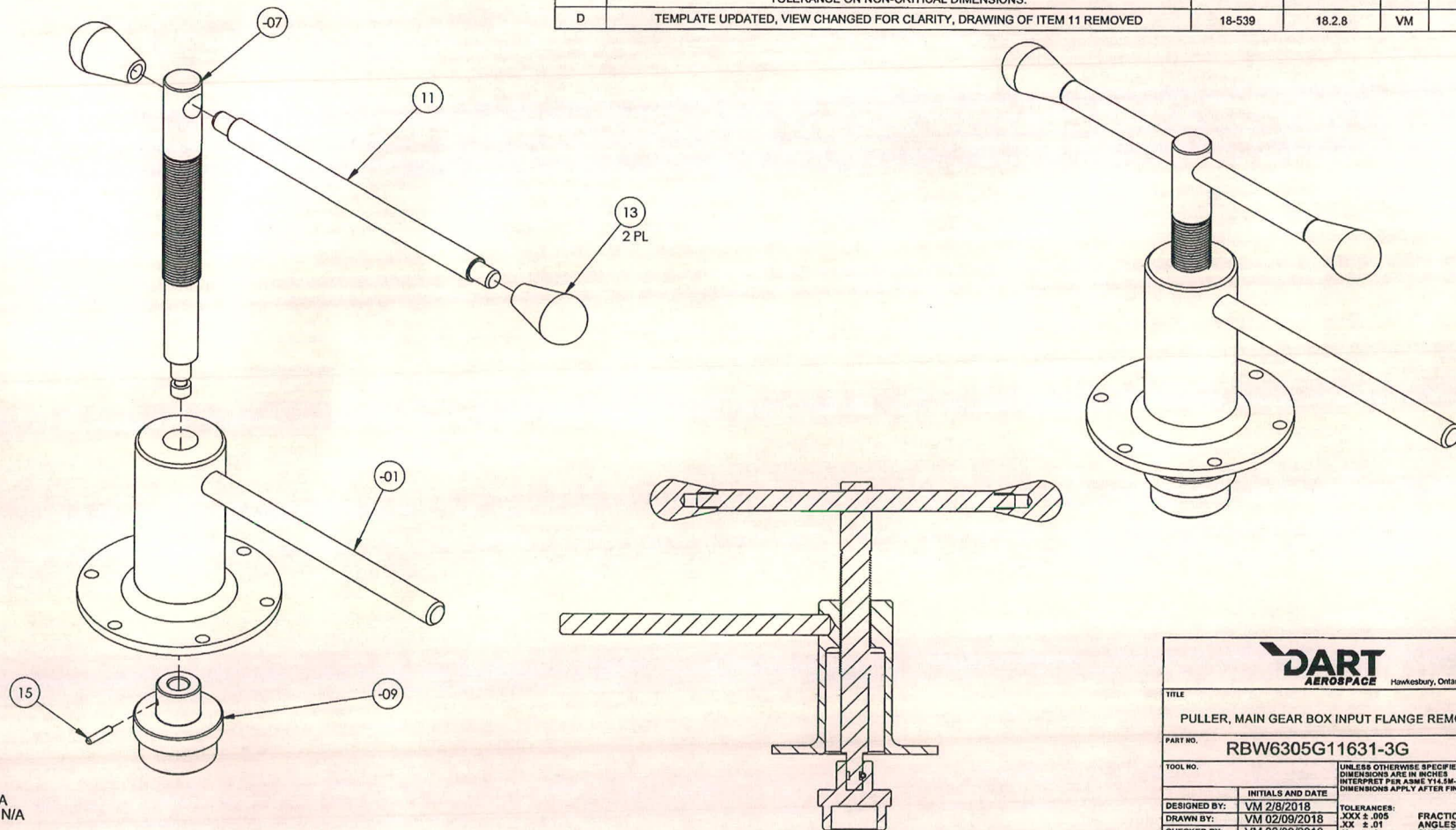
Date: 11/09/18

Signed: 

DAS
68
9-89

PHGE Machine Works LLC dba Arrow Tech Machine Works
29751 E. Enid Rd. Unit C Eugene, Oregon 97402
Main: (541) 780-6938 | Fax: (458) 215-4938
www.atechmachineworks.com

ITEM #	QTY	PART #	TITLE	REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
-01	1	RBW6305G11631-3G-01	WELDMENT	A	CH'D -11 B/O P/N PER S.E. CH'D -01 FINISH SPEC PER R.W. CH'D -03 ENGRAVE NOTE, CH'D Ø.500 S.F. FROM -21, ADDED MISSING DIMENSIONS Ø1.770 & .239 PER G.E. CH'D -07 FINISH SPEC PER R.W. CH'D -07 HOLE FROM Ø.510 S.F. -11. PER S.E.	-	5/3/2011	RJC	-
-07	1	RBW6305G11631-3G-07	THREADED SHAFT	1	-11 ADDED DWG FOR MOD. CH'D THREAD LENGTH DIM WAS .75 IS .375.	-	3/12/2013	BIM	SE
-09	1	RBW6305G11631-3G-09	CUP	2	UPDATED TO NEW DRAFTING STANDARDS. -03 ADDED DIM 30°. -07 CH'D DIMS WAS Ø.394 S.F. -25 AFTER PLATING IS 2X Ø.3924-.3930, WAS Ø.448 S.F. -11 IS Ø.50 S.F. -11 -09 CH'D DIMS WAS Ø.394 S.F. -27 IS Ø.3940-.3949, WAS Ø.125 IS Ø.118-.122 THRU ALL. -11 -11 CH'D FINISH WAS BLACK OXIDE IS CAD PLATE YELLOW QQ-P-416F, TYPE II, CLASS II. CH'D DIMS WAS 2X .38 IS (2X .500), WAS 5.625 IS (7.625), WAS Ø.438 IS (Ø.500) S.F. -07. CH'D B/O INFO WAS REID #GLS-50 IS MCMASTER-CARR #8384K31. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	15-0108	5/19/2015	DPD	JAG
11	1	McMaster#8384K31	LEVER SHAFT	D	TEMPLATE UPDATED, VIEW CHANGED FOR CLARITY, DRAWING OF ITEM 11 REMOVED	18-539	18.2.8	VM	ML
13	2	ESSENTA COMPONENTS #BD-8	KNOB						
15	1	McMaster#91611A157	SPRING PIN 3mm DIA. x 16mm LG.						



- NOTES:
 1) MATERIAL: N/A
 2) HEAT TREAT: N/A
 3) FINISH: N/A
 4) SPEC: N/A
 5) BREAK ALL SHARP EDGES: N/A
 6) IDENTIFICATION: N/A

RBW6305G11631-3G PULLER, MAIN GEAR BOX INPUT FLANGE REMOVER

DART AEROSPACE Hawkesbury, Ontario, Canada	
TITLE PULLER, MAIN GEAR BOX INPUT FLANGE REMOVER	
PART NO. RBW6305G11631-3G	REV D
TOOL NO.	
DESIGNED BY: VM 2/8/2018	INITIALS AND DATE
DRAWN BY: VM 02/09/2018	TOLERANCES: XX ± .01 FRACTIONS ± 1/8
CHECKED BY: VM 02/09/2018	ANGLES ± .5°
MFG REVIEW BY: DD 02/13/2018	SURFACE ROUGHNESS
APPROVED BY: ML 04/24/2018	SCALE: NTS SHEET 1 OF 6
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